

Deepwater Horizon SITREP

05/08/2010 0600 - 05/09/2010 0600

Chalmette, St. Bernard Parish LA

Monitoring Locations: 3 Air Monitoring Locations, monitoring continues.

1. C02 - located at Fire Station number 8, Poydras LA - 29.86609N., -89.89108W
2. C03 - located at the Emergency Operations Center, Hopedale, LA - 29.82209N., -89.60862W
3. C04 – located at FireStation on Aycock St in Chalmette, LA - 29.96082, -90.00132

Air Monitoring Equipment: Each location has 4 pieces of air equipment (currently no spares). EBAM (particulate monitors) equipment will replaced the DataRAMs on 5/8/10. As of 0600 05/09/10, EBAM equipment is installed, running, logging data, and transmitting data. DataRams will continue to be collocated with the EBAMs for two days to insure data quality.

1. DataRam - monitoring particulate matter
2. AreaRae - monitoring VOCs
3. PQ200 - samples for PM2.5
4. Suma Canister per location - sample for VOCs
5. EBAM – monitoring particulate matter

Samples Collected:

- 3 – Water
- 3 – Sediment
- 3 - Toxicity
- 9 –Suma Canisters (VOCs)
- 3 – Filters (24-hour 2.5 particulate)

Air Sampling/Monitoring Operations Team:

- Hourly average monitoring data through approximately 0100 05/08/2010 has been published to SCRIBE at 1230.
- Sample location information for 5/8/2010 has been published to scribe as of 8 PM, 5/8/2010.
- 3 monitoring locations were checked at approximately 1.5-2 hour intervals beginning at 0600 this operational period.
 - AreaRAEs/MultiRae instruments reported 0 VOC exceedances
 - Data Ram instruments reported 0 particulate exceedances
- Additional equipment has been implemented to conduct Benzene monitoring if the VOC levels exceed the 10 PPM action level.
- 9 Suma canisters (for VOCs) were collected during this operational period to be shipped to the contracted laboratory for analysis.
- 3 Filters were collected from PQ200 samplers during 05/08/2010 0600-1400 operations.
- All operations currently nominal

Water Operations Team:

- On 5/8/10 water operation team mobilized to the Terrebonne Bay (S. Terrebonne Parish) area to collect water and sediment samples from pre-identified locations. (0009, NCA10-1336, NCA10-2333)
- All targeted samples collected.
- No oiled wildlife observations as of 1600.
- No oil or odors detection as of 1600.
- 3 water, sediment, and toxicity samples have been collected as of 1600.
- Forecast weather conditions were favorable for water operations on 05/09/2010.

Current EPA Assets

- Deployed to Chalmette, LA
 - 1 OSC
 - 16 START personnel
 - 1 EPA LRV

Venice, Plaquemines Parish, LA**Air Monitoring Locations:**

- 1 V02 - located at USCG - Venice - 29.25274 N., 89.35750 W
2. V03 - located at Welding Supply Co. in Boothville, LA, 29.31449 N., 89.38433 W
3. V05 - located at Fort Jackson – 29.35699 N, 89.45487 W

Air Monitoring Equipment: Each location has 4 pieces of air equipment:

1. DataRam - monitoring particulate matter
2. AreaRae/Multirae - monitoring VOCs/H₂S/CO
3. PQ200 - samples for PM 2.5
4. Summa Canister - sample for VOCs

Samples collected

- 4 – Water
- 4 – Sediment
- 9 – Summa Canisters (VOCs)
- 3 – Filters (24-hour PM 2.5)
- 4 – Water Pest/PCB (CERCLA)
- 4 – Sediments Pest/PCB (CERCLA)

Air Sampling/Monitoring Operations Team:

- Hourly average monitoring data through approximately 1630 05/08/2010 has been published to SCRIBE.
- 24-hour air monitoring and sampling continues at the locations above.
- All 3 monitoring locations were last checked at approximately 0530 this morning.
- MultiRaes/AreaRaes are rotated at each location, and brought in to the MCP for data downloading and charging at approximately 8-hour intervals. DataRams are downloaded in the field at 8-hour intervals.
- Instruments are kept in operation using external rechargeable batteries. Marine batteries have been obtained to extend battery life if needed.
- The stations are visited hourly and the AreaRAEs/MultiRae are read to determine the maximum reading from the last equipment download and battery levels checked. This number is relayed back to the Venice CP.

Water Operations Team:

- One water/sediment sampling team was deployed to collect 4 water and 4 sediment samples for PCB and pesticide analysis. Sampling funded through CERCLA.

Current EPA Assets

- Deployed to Venice, LA
 - 1 OSC
 - 15 START personnel
 - 1 MCP
 - One EPA Gooseneck Trailer
 - One EPA 20 KW Generator